

7/5/15 (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
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02857067 **Image available**
PICTURE PROCESSING SYSTEM

PUB. NO.: 01-154667 [JP 1154667 A]
PUBLISHED: June 16, 1989 (19890616)
INVENTOR(s): ONEDA SHOGO
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-312220 [JP 87312220]
FILED: December 11, 1987 (19871211)
INTL CLASS: [4] H04N-001/21; G06F-012/00 ; G06F-015/62 ; H04N-001/40
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 45.2 (INFORMATION
PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING --
Computer Applications)
JAPIO KEYWORD: R002 (LASERS); R098 (ELECTRONIC MATERIALS -- Charge Transfer
Elements, CCD & BBD)
JOURNAL: Section: E, Section No. 821, Vol. 13, No. 416, Pg. 123,
September 14, 1989 (19890914)

ABSTRACT

PURPOSE: To form a picture corresponding to an unspecified document data format by storing document format data to interpret the data file of a floppy disk 7 to the same floppy disk as the document data.

CONSTITUTION: The data of the picture read by a picture reader 1 are recorded to a floppy disk memory device 2. At the time of recording, the document format data to interpret the data file of a floppy disk are recorded to the same floppy disk as the document data. The data file recorded at a floppy disk device 2 is read and supplied in order to form the picture by a picture forming device 3

7/5/17 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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02857067 **Image available**
WPI Acc No: 2003-739544/200370
XRPX Acc No: N03-592092

Unknown word attribute confirmation type information provision apparatus
estimates and outputs attributes related to unknown word that exists in
user input information requirement, for user confirmation
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003271593	A	20030926	JP 200272524	A	20020315	200370 B

Priority Applications (No Type Date): JP 200272524 A 20020315

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003271593	A	7		G06F-017/28	

Abstract (Basic): JP 2003271593 A

NOVELTY - An estimation unit (30) estimates attributes related to unknown word that exists in the user input information requirement. An output unit (60) outputs the estimated attributes for user confirmation. An information providing unit provides information related to the input requirement, by considering or ignoring the estimated attributes based on the confirmation result.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) unknown word attribute confirmation type information provision

method;
(2) unknown word attribute confirmation type information provision program;
(3) recorded medium **storing** unknown word attribute confirmation type information provision program
USE - Unknown word attribute confirmation type information provision apparatus.

ADVANTAGE - Enables providing information related to input requirement without requiring much time, even if unknown word exists in the input requirement.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the unknown word attribute confirmation type information provision apparatus. (Drawing includes non-English language text).

input unit (10)
sentence analyzing unit (20)
estimation unit (30)
confirmation unit (40)
output unit (60)

pp; 7 DwgNo 1/3

Title Terms: UNKNOWN; WORD; ATTRIBUTE; CONFIRM; TYPE; INFORMATION; PROVISION; APPARATUS; ESTIMATE; OUTPUT; ATTRIBUTE; RELATED; UNKNOWN; WORD ; EXIST; USER; INPUT; INFORMATION; REQUIRE; USER; CONFIRM

Derwent Class: T01

International Patent Class (Main): G06F-017/28

International Patent Class (Additional): H04N-007/173

File Segment: EPI

7/5/18 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015394714 **Image available**

WPI Acc No: 2003-456855/200343

Related WPI Acc No: 2002-712636; 2002-749799

XRPX Acc No: N03-363350

Header portion creation method for computer file, involves using header field containing auction sponsor information by software application, to categorize file based on originator of file

Patent Assignee: FREEMARKETS INC (FREE-N)

Inventor: BLAIR W R; TETUAN D J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030061316	A1	20030327	US 2001782620	A	20010213	200343 B
			US 2002279864	A	20021025	

Priority Applications (No Type Date): US 2002279864 A 20021025; US 2001782620 A 20010213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030061316 A1 16 G06F-015/177 CIP of application US 2001782620

Abstract (Basic): US 20030061316 A1

NOVELTY - A data tag that indicates the header field type is stored in the header field. A meta data item including auction sponsor information that is defined by the data tag, is stored for each header field. A header field containing the meta data item is used by a software application to categorize the computer file according to the originator of the file.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) recorded medium storing the header portion creation program;
(2) user ensuring method; and
(3) image displaying method.

USE - For creating header portion in computer file.

ADVANTAGE - Enables to **store** various types information in file header. Flexibility is provided since several tags are defined in the header data portion. Defining of **future** tags is allowed since a

tagged header **format** is used. The user is allowed to set the optimal view state without changing the image data itself.

DESCRIPTION OF DRAWING(S) - The figure shows a table illustrating the format of the windows BMP file header.

pp; 16 DwgNo 1/7

Title Terms: HEADER; PORTION; CREATION; METHOD; COMPUTER; FILE; HEADER; FIELD; CONTAIN; AUCTION; INFORMATION; SOFTWARE; APPLY; CATEGORY; FILE; BASED; FILE

Derwent Class: T01; W05

International Patent Class (Main): G06F-015/177

File Segment: EPI

7/5/21 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014639555 **Image available**

WPI Acc No: 2002-460259/200249

XRPX Acc No: N02-363348

Information evaluation system using internet, has web server that receives information from information-provision terminal which are stored in database

Patent Assignee: NIPPON DENKI SOFTWARE KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002140536	A	20020517	JP 2000334677	A	20001101	200249 B

Priority Applications (No Type Date): JP 2000334677 A 20001101

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002140536	A	8	G06F-017/60	

Abstract (Basic): JP 2002140536 A

NOVELTY - A web server (11) receives the information from an information-provision terminal (20) and stores in a database (12). An evaluation unit evaluates unidentified information with respect to evaluation result of template form for reliable evaluation. An user accesses the stored information through a communication network in an user terminal (30).

USE - For evaluating information using internet.

ADVANTAGE - Improves reliability of evaluation of unidentified information in the database.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram for the information evaluation system. (Drawing includes non-English language text).

Web server (11)

Database (12)

Information-provision terminal (20)

User terminal (30)

pp; 8 DwgNo 1/5

Title Terms: INFORMATION; EVALUATE; SYSTEM; WEB; SERVE; RECEIVE; INFORMATION; INFORMATION; PROVISION; TERMINAL; STORAGE; DATABASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00

File Segment: EPI

7/5/23 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014505065 **Image available**

WPI Acc No: 2002-325768/200236

XRPX Acc No: N02-256074

Image file control server reconfigures image data of unspecified

format in image file into unified format, from which formatted image file is produced and stored in hard disk
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002091808 A 20020329 JP 2000281978 A 20000918 200236 B

Priority Applications (No Type Date): JP 2000281978 A 20000918

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002091808 A 6 G06F-012/00

Abstract (Basic): JP 2002091808 A

NOVELTY - The server (1) reconfigures identified image data of unspecified format in image file, which is input by an input unit (1a), into a unification format from which the image file of unified format is produced. The image file is stored in a hard disk (3).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image file control method.

USE - Image file control server for arranging image file data in unification format.

ADVANTAGE - As the image file of an unspecified format is rearranged into an image file of unified format, the image data stored in the image file are output at high speed and efficiently to a user.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the image file control server. (Drawing includes non-English language text).

Server (1)
Input unit (1a)
Hard disk (3)
pp; 6 DwgNo 1/5

Title Terms: IMAGE; FILE; CONTROL; SERVE; RECONFIGURE; IMAGE; DATA; FORMAT; IMAGE; FILE; UNIFIED; FORMAT; IMAGE; FILE; PRODUCE; STORAGE; HARD; DISC

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-017/30 ; G06F-019/00

File Segment: EPI

7/5/24 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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014403837 **Image available**

WPI Acc No: 2002-224540/200228

XRPX Acc No: N02-172005

Management information compression method for telecommunication network, involves reducing cumulative volume of data relative to data volume required to store information for current and past/future states

Patent Assignee: NORTEL NETWORKS LTD (NELE)

Inventor: HAYBALL C C; KENDON G B; RICHES D S; SHURMER J G L; TANSLEY D S W ; TUNNICLIFFE A; TURNER J I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
US 6308174 B1 20011023 US 9872811 A 19980505 200228 B

Priority Applications (No Type Date): US 9872811 A 19980505

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 6308174 B1 18 G06F-015/173

Abstract (Basic): US 6308174 B1

NOVELTY - Primary and secondary management information representing current and past/ future states of network, are stored in primary and secondary formats . Difference information

representing differences between both the states is automatically generated. The cumulative volume of data represented by primary and difference information, is reduced relative to volume of data required to store information for both states using only primary format.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Communication network management system;
- (b) Communication network

USE - For compressing management information in telecommunication network.

ADVANTAGE - Since information about state of network is encoded as a difference from the information relating to another state, the amount of information to be stored is reduced, hence reduces the amount of memory needed. Information about past and/or future states of network are stored as well as information about the current state. Information about the current and past states of the network are used to predict future requirements accurately.

DESCRIPTION OF DRAWING(S) - The figure shows the general schematic diagram of arrangement for population of a planned future management information base (MIB).

pp; 18 DwgNo 1/9

Title Terms: MANAGEMENT; INFORMATION; COMPRESS; METHOD; TELECOMMUNICATION; NETWORK; REDUCE; CUMULATIVE; VOLUME; DATA; RELATIVE; DATA; VOLUME; REQUIRE; STORAGE; INFORMATION; CURRENT; PASS; FUTURE; STATE

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/173

File Segment: EPI

7/5/29 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014117289 **Image available**

WPI Acc No: 2001-601501/200168

XRPX Acc No: N01-448702

Delivery method of an information object to a client from a cache at a server identifying each object by a name and a content key

Patent Assignee: INKTOMI CORP (INKT-N)

Inventor: BEGUELIN A; GOURLEY D; HAINES M; MATTIS P; PLEVYAK J; TOTTY B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6292880	B1	20010918	US 9860886	A	19980415	200168 B

Priority Applications (No Type Date): US 9860886 A 19980415

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing Notes
US 6292880	B1	48		G06F	012/00	

Abstract (Basic): US 6292880 B1

NOVELTY - The method involves establishing a cache table in a memory of a server. The cache table maps name key values to vectors of alternates. The information object is associated with a name key value that the cache table maps to a particular vector of the vectors of alternates. A content key is computed that uniquely identifies the information object by applying a hash function to the information object. The content key is stored in one of the alternates of the particular vector of alternates.

DETAILED DESCRIPTION - Another content key is computed that uniquely identifies another information object by applying a hash function to the other information object. The other information object is associated with the name key value. The other content key is stored in another one of the alternates of the particular vector of alternates.

INDEPENDENT CLAIMS are included for a computer-readable medium and for a method for caching data objects.

USE - For information delivery. For cache for information objects

to be delivered efficiently and at high speed over a network to a client.

ADVANTAGE - High performance, large cache support, memory storage space efficiency, disk storage space efficiency, alias free, fast, usage aware garbage collection, data consistency, and fast restartability. Object store interface is sufficiently flexible to meet needs of future media types and protocols.

DESCRIPTION OF DRAWING(S) - The figure shows a cache.

pp; 48 DwgNo 4A/12

Title Terms: DELIVER; METHOD; INFORMATION; OBJECT; CLIENT; CACHE; SERVE; IDENTIFY; OBJECT; NAME; CONTENT; KEY

Derwent Class: T01

International Patent Class (Main): G06F-012/00

File Segment: EPI

7/5/31 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013877124 **Image available**

WPI Acc No: 2001-361336/200138

XRPX Acc No: N01-263040

Data file restoration apparatus in memory, estimates unknown format of input file using characteristic of known format of database and correspondingly restores file

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001101049	A	20010413	JP 99273621	A	19990928	200138 B

Priority Applications (No Type Date): JP 99273621 A 19990928

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing Notes
JP 2001101049	A	30		G06F	012/00	

Abstract (Basic): JP 2001101049 A

NOVELTY - A data file with known file format characteristic is stored in analysis information database. When data file with unknown file format is input, format of input data file is estimated using the characteristic data of known file format analysis information database and correspondingly file is restored.

USE - For restoring file in memory.

ADVANTAGE - Restoration of data file of unknown format is enabled.

Thus, continuous analysis of unknown data file is also enabled.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of data file restoration apparatus. (Drawing includes non-English language text).

pp; 30 DwgNo 1/90

Title Terms: DATA; FILE; RESTORATION; APPARATUS; MEMORY; ESTIMATE; UNKNOWN; FORMAT; INPUT; FILE; CHARACTERISTIC; FORMAT; DATABASE; CORRESPOND; RESTORATION; FILE

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-003/00 ; G06F-005/00

File Segment: EPI

7/5/38 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011614884 **Image available**

WPI Acc No: 1998-032012/199803

XRPX Acc No: N98-025772

Microprocessor chip device - has two Huffman decoders receiving variable length encoded digital video data, for expansion, with inverse quantiser

, inverse discrete cosine transformator and motion compensator enabling formation of motion compensated image data

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: MILANO L C; VACHON M P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5694346	A	19971202	US 95374267	A	19950118	199803 B
			US 96701037	A	19960821	

Priority Applications (No Type Date): US 96701037 A 19960821; US 95374267 A 19950118

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5694346 A 9 G06F-017/14 CIP of application US 95374267

Abstract (Basic): US 5694346 A

The microprocessor has a digital video coder which includes a first Huffman decoder for receiving a variable length encoded digital video data, and for expanding the data. An inverse quantiser dequantises the decoded data, which is then supplied to an inverse discrete cosine transformer.

A second Huffman decoder receives the variable length encoded digital data, and expands the data. A motion compensator receives the data from the second Huffman decoder, and a past frame storage together with a future frame storage, to form a motion compensated image data. The image data from the compensator is summed together with the output from the inverse discrete cosine transformer. The past frame storage and the future frame storage both receive the inverse discrete cosine transformed data from the summer.

USE - For highly integrated chips with on-board ROM and microprocessor functionality.

ADVANTAGE - Provides fully testable ROM in functional environment of on-chip ROM integrated with microprocessor, such as digital video decoder microprocessor, where LSSD shift register loads are not practical.

Dwg.5/5

Title Terms: MICROPROCESSOR; CHIP; DEVICE; TWO; HUFFMAN; DECODE; RECEIVE; VARIABLE; LENGTH; ENCODE; DIGITAL; VIDEO; DATA; EXPAND; INVERSE; QUANTUM; INVERSE; DISCRETE; COSINE; MOTION; COMPENSATE; ENABLE; FORMATION; MOTION; COMPENSATE; IMAGE; DATA

Derwent Class: T01; U13; W02; W04

International Patent Class (Main): G06F-017/14

International Patent Class (Additional): H04N-007/12; H04N-011/02; H04N-011/04

File Segment: EPI

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DIALOG(R) File 350:Derwent WPIX

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010898276 **Image available**

WPI Acc No: 1996-395227/199640

XRPX Acc No: N96-333074

Incremental data storage method for compact disc with lead-in area, program area and lead-out area, e.g. CD-R - determining sufficient storage capacity is available, dividing selected file into data blocks contained in packets and recording packets in programme area of disc together with link block, run-in block and run-out block

Patent Assignee: INCAT SYSTEMS SOFTWARE USA INC (INCA-N); ROXIO INC (ROXI-N); ADAPTEC INC (ADAP-N)

Inventor: CAFFARELLI F; D'AMATO A

Number of Countries: 009 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 730274	A2	19960904	EP 96300998	A	19960214	199640 B
AU 9645773	A	19960905	AU 9645773	A	19960227	199647
CA 2169131	A	19960829	CA 2169131	A	19960208	199651

JP 8273334	A	19961	JP 9641790	A	19960228	99701
EP 730274	A3	19970528	EP 96300998	A	19960214	199732
AU 707161	B	19990701	AU 9645773	A	19960227	199937
US 6091686	A	20000718	US 95397660	A	19950228	200037
			US 96710072	A	19960909	
US 6226241	B1	20010501	US 95397660	A	19950228	200126
			US 96710072	A	19960909	
			US 2000573082	A	20000516	
EP 730274	B1	20020515	EP 96300998	A	19960214	200234
DE 69621177	E	20020620	DE 621177	A	19960214	200248
			EP 96300998	A	19960214	
JP 3355333	B2	20021209	JP 9641790	A	19960228	200301

Priority Applications (No Type Date): US 95397660 A 19950228; US 96710072 A 19960909; US 2000573082 A 20000516

Cited Patents: No-SR.Pub; EP 390268; EP 507397; EP 507403; EP 712130; WO 9309496

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 730274	A2	E	22	G11B-027/034	
				Designated States (Regional): DE FR GB IT NL	
AU 9645773	A			G11B-007/007	
JP 8273334	A			G06F-017/30	
EP 730274	A3		19	G11B-027/00	
AU 707161	B			G11B-007/007	Previous Publ. patent AU 9645773
US 6091686	A			G11B-005/09	Cont of application US 95397660
US 6226241	B1			G11B-005/09	Cont of application US 95397660
					Cont of application US 96710072
					Cont of patent US 6091686
EP 730274	B1	E		G11B-027/034	
				Designated States (Regional): DE FR GB	
DE 69621177	E			G11B-027/034	Based on patent EP 730274
JP 3355333	B2		20	G11B-027/00	Previous Publ. patent JP 8273334

Abstract (Basic): EP 730274 A

The method of storing data involves selecting one or more files to be stored and determining a total storage capacity required for them. Availability of sufficient storage capacity in a programme area for each file is checked. Each selected file is divided into data blocks and packets consisting of one or more data blocks are created.

A packet is recorded in the programme area with a link block, a run-in block and a run out block. Storage area identifying information is also stored. Location data is stored in a reserved storage area, ignoring all link blocks, run-in blocks and run-out blocks.

USE/ADVANTAGE - For computer data storage. Supports incremental recording of data files onto compact disc with improved **file system**, minimal overhead requirements and allowing rapid access. Compatible with existing and foreseeable **future types** of CD-ROM players and drivers. Provides easy recovery of **data** following error.

Dwg.1/14

Title Terms: INCREMENT; DATA; STORAGE; METHOD; COMPACT; DISC; LEAD; AREA; PROGRAM; AREA; LEAD; AREA; CD; DETERMINE; SUFFICIENT; STORAGE; CAPACITY; AVAILABLE; DIVIDE; SELECT; FILE; DATA; BLOCK; CONTAIN; PACKET; RECORD; PACKET; PROGRAMME; AREA; DISC; LINK; BLOCK; RUN; BLOCK; RUN; BLOCK

Derwent Class: T01; T03

International Patent Class (Main): G06F-017/30 ; G11B-005/09; G11B-007/007 ; G11B-027/00; G11B-027/034

International Patent Class (Additional): G06F-012/00 ; G11B-007/00; G11B-020/10; G11B-020/12; G11B-023/36; G11B-027/32

File Segment: EPI

7/5/44 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008505401 **Image available**

WPI Acc No: 1991-009485/102

XRPX Acc No: N91-007421

Combining small records into single record block - has signal block and packets respectively contain indications of formats, allowing variation

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: DUNN E C; FRY S M; JACKSON S A; MACLEAN N H; REYNOLDS R P;

RIPBERGER R A

Number of Countries: 010 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 406188	A	19910102	EP 90850194	A	19900521	199102 B
AU 9056034	A	19910103				199108
CA 2011234	A	19901228				199111
BR 9003022	A	19910820				199138
CN 1048462	A	19910109				199139
US 5200864	A	19930406	US 89372744	A	19890628	199316
US 5274772	A	19931228	US 89372744	A	19890628	199401
			US 92978859	A	19921119	
KR 9305437	B1	19930621	KR 907692	A	19900528	199424
US 5335328	A	19940802	US 89372744	A	19890628	199430
			US 92977371	A	19921119	
US 5384669	A	19950124	US 89372744	A	19890628	199510
			US 92978071	A	19921118	
CA 2011234	C	19950425	CA 2011234	A	19900301	199524
US 5414570	A	19950509	US 89372744	A	19890628	199524
			US 92978859	A	19921119	
			US 9398149	A	19930728	
EP 406188	B1	19960424	EP 90850194	A	19900521	199621
DE 69026652	E	19960530	DE 626652	A	19900521	199627
			EP 90850194	A	19900521	

Priority Applications (No Type Date): US 89372744 A 19890628; US 92978859 A 19921119; US 92977371 A 19921119; US 92978071 A 19921118; US 9398149 A 19930728

Cited Patents: DE 3804261; EP 303230; EP 308148; EP 327201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 406188 A

Designated States (Regional): DE FR GB IT

US 5200864 A 20 G06F-012/00

US 5274772 A 20 G06F-013/00 Div ex application US 89372744

US 5335328 A 20 G06F-012/06 Div ex patent US 5200864

US 5384669 A 20 G11B-005/09 Div ex application US 89372744

US 5414570 A 19 G11B-005/09 Div ex patent US 5200864

EP 406188 B1 E 21 G11B-020/12 Designated States (Regional): DE FR GB IT

DE 69026652 E G11B-020/12 Based on patent EP 406188

KR 9305437 B1 G11B-020/12

CA 2011234 C G11B-020/10

Abstract (Basic): EP 406188 A

Information bearing signals are recorded in one of a number of record formats on one record medium, such as a magnetic tape, magnetic disc, optical disc, and the like. The format selected may be commanded or based upon record lengths, in bytes. When the record length equals or exceeds a predetermined number of bytes, then one record is recorded in each signal block of the record format. When the record length is less than the predetermined number, then a second format is used which inserts several of the records in one of the signal blocks.

The signal block and its packets respectively contain indications of formats such that any one of several formats may be used on one record medium and in one signal block having a plurality of variable

length packets. Logical indicators, such as format marks, tape marks and the like, may separate formats used on the storage medium.

ADVANTAGE - Allows storage of different size records on same tape.
(15pp Dwg.No.2/7)